

JOB PERFORMANCE MEASURE (JPM)

TASK CODE: CB0-029

TASK: Calibrate an alarming dosimeter

TRAINEE: _____

SSN: _____

REFERENCES:

- 1- WP12-HP1230, Dose Rate Instrumentation

TERMINAL OBJECTIVE: Given that an alarming dosimeter requires calibration, calibrate the instrument IAW WP12-HP1230

CONSEQUENCES OF INADEQUATE PERFORMANCE (ABNORMAL CONDITIONS):

- 1- Overexposure of personnel

HAZARDS (PERSONNEL/EQUIPMENT SAFETY):

- 1- none

PRE-REQUISITE TRAINING / TASK COMPLETION:

- 1- CL 1.01 through CL 1.09, CL 1.13
- 2- CL 2.04
- 3- CB0-030-JP, Operate the J.L. Shepherd Calibration Unit
- 4- CF0-130-JP, Operate an alarming dosimeter
- 5- CF0-156-JP, Control a radioactive source

TOOLS/EQUIPMENT (MATERIALS REQUIRED):

- 1- Alarming dosimeter
- 2- Procedure WP12-HP1230
- 3- Calibration data sheet

Instructions to Trainee: You shall acquire the necessary references and equipment, and complete all required documentation. Knowledge requirements shall be completed with 80% or greater accuracy. Critical step performance shall be completed with 100% accuracy.

Instructions to Evaluator: The trainee is to perform the terminal objective, without assistance, on the job site. Provide clarification of requirements if requested by trainee. You are encouraged to ask relevant questions to verify trainee understanding. If a trainee fails this JPM, clearly document the reason for failure and forward to the trainee's manager. Successful completion of this JPM shall be recorded on the trainee's certification card.

KNOWLEDGE REQUIREMENTS:

Ref.	Knowledge requirement	P/F
1	State the frequency of calibration for an alarming dosimeter	
1	State your actions if the alarming dosimeter fails the calibration	

PERFORMANCE REQUIREMENTS:

Ref.	CRITICAL STEPS	P/F
1	Replace the instrument batteries, if required	
1	Calculate the expected dose rate	
1	Set the alarm setpoint	
1	Calculate the time to alarm	

FINAL EVALUATION: PASS FAIL

COMMENTS:

EVALUATOR SIGNATURE: _____ **DATE:** _____

STUDENT SIGNATURE: _____ **DATE:** _____

MANAGER SIGNATURE: _____ **DATE:** _____

